

Claims

1. A device for guiding a web of partial width (17, 22, 23, 24) in a processing machine, having a registration device (26, 51), by means of which the web of partial width (22, 23, 24) can be brought into a longitudinal registration in relation to another web of partial width (22, 23, 24), and having at least a further guide element (28, 30, 41, 41'), which imparts a directional change or an offset in respect to the running direction on the running path, characterized in that the registration device (26, 51) and the further guide element (28, 30, 41, 41') are arranged, movable transversely in respect to a direction of an incoming web (17, 22, 23, 24), on a common guide element (08, 42, 46, 54).

2. The device in accordance with claim 1, characterized in that web (22, 23, 24) of partial width is embodied as a longitudinally cut partial web (22, 23, 24) of a full web (17) passing through the processing machine.

3. The device in accordance with claim 1, characterized in that the registration device (26, 51) and the further guide element (28, 30, 41, 41') are assigned to the same web (17, 22, 23, 24).

4. The device in accordance with claim 1, characterized in that the further guide element (28, 30) is embodied as a turning bar (28, 30).

5. The device in accordance with claim 1, characterized in that the further guide element (41, 41') is embodied as a last non-driven roller (41, 41'), arranged upstream of a former (11, 12) and only assigned to one web layer.

6. The device in accordance with claim 1, characterized in that the parts of the registration device (26) working together with the web (22, 23, 24) of partial width, as well as of the further guide element (28, 30, 41, 41'), are dimensioned in their width transversely to the running direction of the incoming web (22, 23, 24) of partial width in such a way that their projection is less than a maximum web (07) to be processed in the processing machine.

7. The device in accordance with claim 1, characterized in that the parts of the registration device (26) working together with the web (22, 23, 24) of partial width, as well as of the further guide element (28, 30, 41, 41'), are dimensioned in their width transversely to the running direction of the incoming web (22, 23, 24) of partial width in such a way that their projection substantially corresponds to the width (b23) of the incoming web (22, 23, 24) of partial width.

8. A device for guiding a web of partial width (17, 22, 23, 24) in a processing machine, characterized in that at least a last non-driven roller (41, 41'), arranged upstream of a former (11, 12) and only assigned to one web layer, as well as a registration roller (32), have a width transversely

in respect to the running direction of the incoming web (22, 23, 24) which is less than a maximum full web (07) to be processed in the processing machine.

9. The device in accordance with claim 8, characterized in that all non-driven rollers (31, 32, 36, 41, 48) assigned to a web (22, 23, 24) of partial width on its path between a longitudinal cutting device (06) and a former (11, 12) have a width transversely to the running direction of incoming web (22, 23, 24) which is less than a maximum full web (07) to be processed in the processing machine.

10. The device in accordance with claim 8 or 9, characterized in that the width substantially corresponds to the width (b23) of the incoming web (22, 23, 24) of partial width.

11. A guide element for guiding a web (17, 22, 23, 24) of partial width in a processing machine, wherein the guide element (31, 32, 36, 41, 48) is driven only by friction with a cooperating web (22, 23, 24), and wherein its axis of rotation is substantially aligned vertically in respect to an alignment of the lateral frame, characterized in that the guide element (31, 32, 36, 41, 48) has a width transversely to the running direction of the incoming web (22, 23, 24) which is less than a maximum web (07) to be processed in the processing machine.

12. The guide element in accordance with claim 11, characterized in that the guide element (31, 32, 36, 41, 48)

is arranged in the superstructure (04) between a longitudinal cutting device and a folding structure (02).

13. The guide element in accordance with claim 11, characterized in that the guide element (31, 32, 36, 41, 48) is embodied as a registration roller (32).

14. The guide element in accordance with claim 11, characterized in that guide element (31, 32, 36, 41, 48) is embodied as a deflection roller (31, 48).

15. The guide element in accordance with claim 11, characterized in that guide element (31, 32, 36, 41, 48) is embodied as a last non-driven roller (41, 41'), arranged upstream of a former (11, 12) and assigned to only one web layer.

16. A guide element for guiding a web (17, 22, 23, 24) of partial width in a processing machine, which is embodied as a roller (32) being movable in respect to a lateral frame in such a way that by means of this the path length of the web (22, 23, 24) can be changed, wherein the axis of rotation of the roller (32) extends substantially vertically in respect to an alignment of the lateral frame, characterized in that a roller body of the roller (32) has a width transversely to the running direction of the incoming web (22, 23, 24) which is less than a maximum full web (07) to be processed in the processing machine.

17. A guide element for guiding a web (17, 22, 23, 24) of partial width in a processing machine, which is embodied as a non-driven roller (31, 32, 36, 41, 48), characterized in that a roller body of the roller (31, 32, 36, 41, 48), or at least one individually rotatable section (37) of the roller (36) has a width transversely to the running direction of the incoming web (22, 23, 24) which is less than a maximum full web (07) to be processed in the processing machine.

18. The guide element in accordance with claim 17, characterized in that the roller (36, 41) is embodied as a last non-driven roller (36, 41), arranged upstream of a former (11, 12) and assigned to only one web layer.

19. The guide element in accordance with claim 11, 13 or 17, characterized in that the width is of such a dimension that its projection substantially corresponds to the width (b23) of the incoming web (22, 23, 24) of partial width.

20. The guide element in accordance with claim 11, 13 or 17, characterized in that it is arranged on a guide element (08, 42, 46, 54) so that it is movable transversely in respect to the a direction of an incoming web (22, 23, 24).

21. The guide element in accordance with claim 11, 13 or 17, characterized in that it is arranged on a common guide element (08, 42, 46, 54) together with a registration device (26, 51).

22. The device in accordance with claim 1 or 8, or the guide element in accordance with claim 21, characterized in that the registration device (26) and the guide element (28, 30, 41, 41') are arranged on a common support (25, 27, 43, 43').

23. The device in accordance with claim 1 or 8, or the guide element in accordance with claim 11, 13 or 17, characterized in that the web (22, 23, 24) of partial width approximately corresponds to half a full web (17) passing through a double-wide web-fed rotary printing press.

24. The device in accordance with claim 1 or 8, or the guide element in accordance with claim 11, 13 or 17, characterized in that the web (22, 23, 24) of partial width approximately corresponds to a third of a full web (17) passing through a triple-wide web-fed rotary printing press.

25. The device in accordance with claim 5 or 8, or the guide element in accordance with claim 15 or 18, characterized in that the roller (36, 41) embodied as a last non-driven roller (36, 41), arranged upstream of a former (11, 12) and assigned to only one web layer, is a component

of a group of several such rollers (36, 41), which define a the entry into a former of several webs (22, 23, 24) of partial width.

26. A processing machine, having at least one device for guiding a web (22, 23, 24) of partial width (17, 22, 23, 24) in accordance with claim 1 or 8.

27. The processing machine in accordance with claim 26, characterized in that, for a web (17) passing through the processing machine, which is cut into two webs (22, 23, 24) of partial width, is has only one such device.

28. The processing machine in accordance with claim 26 or 27, characterized in that it has at least one printing unit, which imprints a web (17) of a width (b17) of substantially four side-by-side arranged newspaper pages.

29. The processing machine in accordance with claim 26, characterized in that, for a web (17) passing through the processing machine, which is cut into three webs (22, 23, 24) of partial width, is has two such devices, offset vertically in respect to each other.

30. The processing machine in accordance with claim 26 or 29, characterized in that it has at least one printing unit, which imprints a web (17) of a width (b17) of substantially six side-by-side arranged newspaper pages.